

Rec 17 Feb 69 JG/S

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February 14, 1969

U. S. Government

Attention: Ed D.

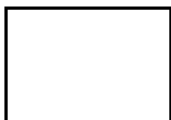
Subject: Control #02228 - Status Report for  
Period Ending January 31, 1969

Gentlemen:

During this report period the following tasks have been performed.

1. Component parts for four (4) digital readout heads were completed and assembled. These heads will be utilized to monitor revolutions of the individual X and Y coordinate precision lead screws.
2. Detail machining drawings were completed for the following assemblies.
  - a. X and Y coordinate stages,
  - b. X and Y precision lead screw and bearing assemblies,
  - c. Rear section of the overarm,
  - d. Comparator base,
  - e. 360° Rotary table and associated manual drive motion for the cut film stage.
3. Started a design layout of the cut film stages.
4. Started outline drawings of the twin stage comparator as required for inclusion in the preliminary Installation Engineering Data report. It is anticipated that this report will be mailed to the technical representative during the month of February.

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5. Preliminary work for the optical design of the illumination system to be used with the modified High Power Stereo Comparator Head was started.
6. The production department continued work on the X and Y coordinate precision lead screw assemblies during this report period. Machining operations were performed on the precision lead screw blanks and the nut castings associated with them.
7. Completed manufacturing of special gears used in X and Y coordinate motor drive assemblies.

It is estimated that 25% of the work on the twin stage comparator contract has been completed as of this report period.

During the February report period, the [ ] plans to do the following work.

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1. Start checking detail drawings of individual components utilized in completed design layouts of the twin stage comparator.
2. Complete design layout of cut film stage and start detail drawings of individual items.
3. Continue optical design of illumination system for the modified High Power Stereo Comparator Head.
4. Start design layout of the instrument console.
5. Continue machining operations on the precision lead screw and nut assemblies.
6. Submit preliminary Engineering Installation Data report to the technical representative.

During the next report period, the [ ] is anticipating a reply to the letter submitted to the contracting officer requesting that the delivery date of the twin stage comparator be extended to October 15, 1969, and that a partial payment of this contract be considered. Both requests are directly related to the unavoidable delay encountered in obtaining a written price and delivery quotation from [ ] for one High Power Stereo Comparator Head.

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A Status of Funds statement will be found on the following page.

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Very truly yours,

A rectangular box with a black border, used to redact a signature.

Asst. Manager, Engineering

HBB:pc

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